

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A transmission/heat exchanger unit, comprising:
a transmission ~~comprising having~~
a case,
~~having an input shaft couplable to an engine, and~~
at least one output on an output side of the transmission, and
an output side end face of the transmission on the output side of the transmission;
a heat exchanger ~~assigned to the transmission~~ on the output side of the transmission,
connecting lines connecting the heat exchanger at least indirectly to the transmission;
at least one oil-routing duct integrated in the case of the transmission, each oil-routing
duct extending at least over part of the axial extent of the case ~~as far as to the output-side~~ output
side end face of the transmission;
a retaining device fastening the heat exchanger to the output-side end face of the case of
the transmission;
the connecting lines ~~for coupling between~~ configured and operable to couple at least one
oil-routing duct in the transmission ~~and in case with~~ the heat exchanger, ~~and the connecting lines~~
~~are being~~ integrated in the retaining device; and
complementary connections, standardized in ~~terms of type and dimensioning~~ dimension,
on the retaining device and the transmission case for routing of oil and for fastening the retaining
device.
2. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 1,
wherein the connecting lines are arranged at least partially in a wall of the retaining device.
3. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 1,
further comprising at least
a first connection and a second connection provided for connecting coolant-routing lines
to the heat exchanger.

4. (Currently Amended) The transmission/heat exchanger unit as claimed in claim 3, wherein the first and second connections for coolant are arranged on the retaining device and wherein one ~~connection couples of the first and second connections~~ is coupled to a coolant supply line, and the other ~~connection couples of the first and second connections~~ is coupled to a coolant discharge line.

5. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 3, wherein at least one of the first and the second connections are arranged directly on the heat exchanger.

6. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 1, wherein the heat exchanger is designed as a separate unit.

7. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 1, wherein the oil-routing ducts are cast or worked in a wall of the case.

8. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 7, wherein the oil-routing ducts are cast or worked in a reinforcement of the wall of the case.

9. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 1, wherein the retaining device is fastened to the output-side end wall of the case in a region of an axial reinforcement of the end wall, wherein the connection is free of a fastening to a transmission cover closing the case on the output side.

10. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 1, wherein connections of standardized design in terms of type and dimensioning are provided on the retaining device for coupling to complementary connections on the heat exchanger.

11. (Currently Amended) The transmission/heat exchanger unit as claimed in claim 1, further comprising a transmission cover, wherein the retaining device forms an integral unit with the transmission cover.

12. (Previously Presented) The transmission/heat exchanger unit as claimed in claim 11, wherein the retaining device extends through the case cover and has the connections for coupling to the connecting lines provided in the carrying element.

13. (Currently Amended) The transmission/heat exchanger unit as claimed in claim 1, wherein the oil-routing ducts are arranged in the case wall on both sides of a theoretical prolongation of the axis describing the output-(A), wherein the supply lines are arranged on one side of the axis, and the discharge lines are arranged on the other side of the axis.